

DUPLEX INFORMATION PROCESSOR

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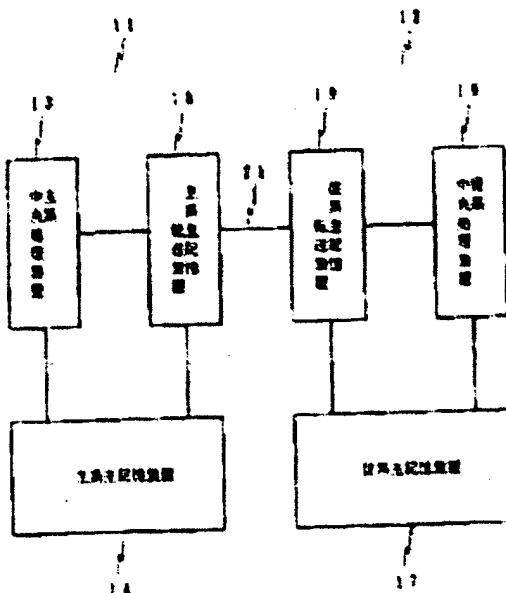
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Abstract of JP3171233

PURPOSE: To uninterruptedly continue a processing in a subordinate system central processing unit even if a fault occurs in a main system main storage device by arranging main storage devices which are mutually independent in a main system and a subordinate system and transferring information on the main system main storage device to a subordinate system main storage device. **CONSTITUTION:** The subordinate system central processing unit 16 periodically inquires whether a system is normal or not to the main system central processing unit 13, judges it to be the fault when the system is extraordinary or there is no response. A subordinate system main storage transfer device 19 transmits the transfer request of main system main storage information through an optical fiber 21. The main system main storage transfer device 18 reads main system main storage information from the main system main storage device 14 and transfers it to the subordinate system main storage transfer device 19. Transferred main system main storage information is written into the subordinate system main storage device 17 and the subordinate system central processing unit 16 successively executes a processing which a main system device 11 executes based on information stored in the subordinate system main storage device 17. Thus, the subordinate central processing unit is operated without being affected by the damage of the main storage device.



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